WHAT IS CLAIMED IS:

1. An apparatus for decrypting an encrypted digital data file, comprising:

a digital data playing device for receiving the encrypted digital data file, storing the encrypted digital data file in a data storage medium, and decrypting the stored digital data file using an encryption key, wherein

the encryption key is generated on the basis of an identification number of the data storage medium or an identification number of the digital data playing device.

2. The apparatus as set forth in claim 1, wherein the encryption key includes information regarding a manufacturing company and a serial number of the data storage medium or the digital data playing device.

3. The apparatus as set forth in claim 2, wherein the encryption key further includes an arbitrarily set value.

4. The apparatus as set forth in claim 2, further comprising:

a processor for decrypting a previously encrypted digital data file and reproducing the digital data file, or re-encrypting the decrypted digital data file using the encryption key and transmitting the re-encrypted digital data file to the digital data playing device.

5. A method for encrypting or decrypting a digital data file, comprising:

adding a first internal key to an identification number of a digital data player or an identification number of a data storage medium associated therewith, thereby generating a first encryption key; and

encrypting or decrypting the digital data file based on the first encryption key.

6. The method as set forth in claim 5, further comprising:

encrypting the first encryption key using a second internal key to produce a

second encryption key, wherein

the encrypting or decrypting step includes encrypting or decrypting the digital data file using the second encryption key.

7. The method as set forth in claim 5, wherein the adding step includes adding a plurality of internal keys to the identification number of a digital data player or the identification number of a data storage medium associated therewith.

8. The method as set forth in claim 6, wherein the encrypting or decrypting step includes decrypting the digital data file using the second encryption key in a digital data playing device.

9. The method as set forth in claim 8, further comprising:

encrypting raw data in a processor using the second encryption key to generate the digital data file; and

transferring the digital data file to the digital data playing device.

10. A program (or script) embodied on a computer-readable medium for encrypting or decrypting a digital data file, the computer-readable-medium-embodied program comprising:

a first program code segment to input an identification number of a digital data player or a data storage medium associated with the digital data player;

a second program code segment to add a first internal key to the inputted identification number to convert the identification number into a first encryption key; and

a third program code segment to encrypt or decrypt a digital data file based on the first encryption key.

11. The program as set forth in claim 10, further comprising:

a fourth program code segment to encrypt the first encryption key according to an encryption algorithm using a second internal key, wherein

the third program code segment encrypts or decrypts the digital data file using the encrypted first encryption key.

12. The program as set forth in claim 11, wherein the third program code segment encrypts the digital data file.

13. The program as set forth in claim 12, wherein the fourth program code segment is substantially the same as the third program code segment.

14. The program as set forth in claim 11, wherein the third program code segment decrypts the digital data file.